

Message

From: Lee Ferguson [lee.ferguson@duke.edu]
Sent: 2/5/2020 10:35:43 PM
To: Strynar, Mark [Strynar.Mark@epa.gov]; Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]
CC: Detlef R. U. Knappe [knappe@ncsu.edu]; McCord, James [mccord.james@epa.gov]; Miller, Kelsey [Miller.Kelsey@epa.gov]; Offenberger, John [Offenberger.John@epa.gov]; Ryan, Jeff [Ryan.Jeff@epa.gov]
Subject: Re: webpage about PFAS in NC

Nice find, Mark! The PDF is certainly very informative, and for sure is a treasure trove for confirming compound ID's and potential transformation products. Thanks for sending it along.

Lee

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From: "Strynar, Mark" <Strynar.Mark@epa.gov>
Date: Wednesday, February 5, 2020 at 7:46 AM
To: "Lindstrom, Andrew" <Lindstrom.Andrew@epa.gov>
Cc: "Detlef R. U. Knappe" <knappe@ncsu.edu>, Lee Ferguson <lee.ferguson@duke.edu>, "McCord, James" <mccord.james@epa.gov>, "Miller, Kelsey" <Miller.Kelsey@epa.gov>, "Offenberger, John" <Offenberger.John@epa.gov>, "Ryan, Jeff" <Ryan.Jeff@epa.gov>
Subject: webpage about PFAS in NC

All,

This webpage came to my attention yesterday. A lot to dig through however some observations from on PDF. I had not seen these documents before. For sure they would have been helpful for some past environmental forensics.

<http://www.alertwatchdogs.com/>

Go to the bottom of the page and click on the little girl. It will take you to a page with hyperlinks to PFAS docs from Dupont to NCDEQ from back in 2004. Very revealing to me. The author used to be an NCDEQ employee that did a site inspection back in 2004-2005.

Think link is for the attached PDF file, one of many in the webpage. http://www.alertwatchdogs.com/deq/timeline4/2005/rpt_2005/files/Dupont_Part1Rpt_for2004_rec2005_EI.pdf

Things I have noted in this document:

- 1) On page 55 the HFPO-dimer acid fluoride (CAS 2062-98-8) is mentioned. 17, 406 kg vented. Would turn into HFPO-DA in scrubber water. <https://comptox.epa.gov/dashboard/dsstoxdb/results?search=2062-98-8>
- 2) On page 47 the acyl fluoride precursor to PFMOAA is shown via CAS 690-43 (which is incorrect) as it is 690-43-7 <https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID90501192>
- 3) Page 54 HFPO is named CAS 428-59-1
<https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID6029177>
- 4) On page 57 a chemical called MEA (CAS 69116-72-9) methyl ester acid fluoride. Seems to be EVE precursor <https://comptox.epa.gov/dashboard/dsstoxdb/results?search=69116-72-9>
- 5) On page 58 EVE is named (CAS 63863-43-4)
<https://comptox.epa.gov/dashboard/dsstoxdb/results?search=63863-43-4>
- 6) On page 70 PPVE is named (CAS in doc 1623-5-8 is wrong; actually 1623-05-8)
- 8) <https://comptox.epa.gov/dashboard/dsstoxdb/results?search=DTXSID0061826>

Mark

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